

GXX-3GMx Series 3G Router

Features

- ❑ HSPA & Quad Band GSM, upto 7.2 Mbps download
- ❑ 10/100 Ethernet and USB interface
- ❑ N-type connector for external antenna (GXX-3GM)
- ❑ High speed wireless network support



GXX-3GM



GXX-3GMPC

Outline

The GXX-3GM series are 3G routers which provide a secure wireless connection using the 3G network infrastructure for high speed data communications.

The GXX-3GM is a Multi-Band module solution with HSPA as well as GSM/GPRS/EDGE with up to 7.2 Mbps for downlink data transfer.

The 3G router can be delivered either as an external module, connected to and powered directly from GMSplus series recorders or as stand-alone module for use with a computer or any other Ethernet compatible device.

The unit is delivered with all necessary accessories, and peripheral units such as the cabling, connectors, antenna, etc as well as firmware & software, thus is ready to use out of the box together with the associated GeoSIG solution.

Specifications GXX-3GMx Series 3G Router

Functionality

Bands
 HSPA & Quad Band GSM
 850/1900/1700-2100 HSPA
 850/900/1800/1900 MHz GSM/GPRS/EDGE

Output power
 HSPA Class 3 (0.25W)
 GSM 850/900 MHz Class 4 (2W)
 GSM 1800/1900 MHz Class 1 (1W)

SIM Card
 Supports 1.8 and 3 V SIM cards
 Mini SIM (25 mm x 15 mm)



Management

Configuration
 User-friendly Web GUI
 Wired and wireless network status
 Site survey test
 Firmware upgradeable
 SSH

Data Transfer (maximum values)

HSPA 7.2 Mbps DL, 5.76 Mbps UL
 EDGE/GPRS Multi-Slot Class 12
 Data type used depends on telecommunication operator/provider and data transfer capacity in the chosen network.

Power

GXX-3GM powered directly from the GMSplus
 GXX-3GMPC powered by external power supply

Input voltage 7 – 30 VDC

Consumption 95 mA average Ethernet (standby)
 275 mA Peak Tx

Environment/Housing

Dimensions
 GXX-3GMPC 160 mm x 160 mm x 91 mm
 GXX-3GM 57 mm x 98 mm x 38 mm

Weight

GXX-3GMPC approx. 250 g excl. cables and accessories
 GXX-3GM approx. 1'000 g incl. cables

Environmental Protection

GXX-3GMPC IP41
 GXX-3GM IP66

Temperature
 Operation & Storage -40 to +85°C

